

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In Re U.S. Patent Application of: )

Applicant(s): Takeda et al. )

Serial No. 09/689,928 )

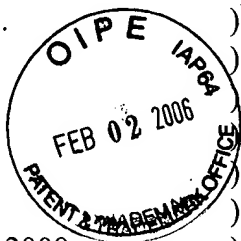
Conf. No.: 7460 )

Filed: October 12, 2000 )

For: VERTICALLY-ALIGNED  
(VA) LIQUID CRYSTAL  
DISPLAY DEVICE )

Art Unit: 2871 )

Examiner: Nguyen, D. )



I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on this date.

January 27, 2006  
Date

Registration No. 47,954

F-CLASS.WCM

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(c), after the C.F.R. §1.97(b) time period, but before the mail date of a Final Office Action or a Notice of Allowance (whichever occurs first), with either:

- (a) a statement under 37 C.F.R. §1.97(e); or
- (b) the \$180.00 fee under 37 C.F.R. §1.17(p).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

( ) Statement Under 37 C.F.R. §1.97(e):

( ) The enclosed references were cited in a Communication issued by \_\_\_\_\_. Applicant(s) hereby certify that each item of information cited on the enclosed Form PTO-1449 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

( ) Applicant(s) hereby certify that no item of information cited on the enclosed Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information cited on the enclosed Form PTO-1449 was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

(X) Enclosed is a check for \$180.00 to cover the fee as set forth in 37 C.F.R. §1.17(p).

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,  
GREER, BURNS & CRAIN, LTD.

By: \_\_\_\_\_

Josh C. Snider, Reg. No. 47,954

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Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 4328.64683	Serial No.: 09/689,928
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant: Takeda et al.	
		Filing Date: October 12, 2000	Group: 2871

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,385,806	May 31, 1983	Ferguson			
	4,701,028	Oct. 20, 1987	Clerc			
	4,786,147	Nov. 22, 1988	Clerc			
	4,889,412	Dec. 26, 1989	Clerc			
	5,745,206	April 28, 1998	Koike			
	5,757,451	May 26, 1998	Miyazaki			
	5,907,380	May 25, 1999	Lien			
	6,147,729	Nov. 14, 2000	Kurauchi			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	EP 854,377	July 22, 1998	WIPO			Abs.	
	GB 1,462,978	Jan. 26, 1977	London			X	
	JP 6-082777	March 25, 1994	Japan			Abs.	
	09-033882	Feb. 7, 1997	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Soref et al.; "Electrically Controlled Birefringence of Thin Nematic Films," Journal of Applied Physics, Vol. 43, Bi, 5, May 1972, pp. 2029-2037.

Examiner	Date Considered
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\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.